E-24 (Revised to Aug 1921)

PUBLICATIONS OF THE UNITED STATES DEPARTMENT OF AGRICULTURE BUREAU OF ENTOMOLOGY

FARMERS' BULLETINS

440. Spraying peaches for control of brown-rot, scab, and curculio.
444. Remedies and preventives against mosquitoes.
447. Bees.
450. Some facts about malaria.
492. The more important insect and fungous enemies of the fruit and foliage of the apple.
606. Collection and preservation of insects and other material for use in the study of agriculture.
627. The house centipede.
636. The chalcis fly in alfalfa seed.
637. The grasshopper problem and alfalfa culture.
650. The San Jose scale and its control.
658. Cockroaches.
662. The apple-tree tent caterpillar.
668. The squash-vine borer.
671. Harvest mites or chiggers.
674. Control of the citrus thrips in California and Arizona.
675. The roundheaded apple-tree borer.
691. Grasshoppers and their control on sugar beets and truck crops.
695. Outdoor wintering of bees.
699. Hydrocyanic-acid gas against household insects.
701. The bagworm, an injurious shade-tree insect.
705. The catalpa sphinx.
708. The leopard moth: A dangerous imported enemy of shade trees.
721. The rose-chafer.
722. The leaf blister mite of pear and apple.
723. The oyster-shell scale and the scurfy scale.
725. Wireworms destructive to cereal and forage crops.
731. The true army worm and its control.
733. The corn and cotton wireworm in its relation to cereal and forage crops, with control measures.
734. Flytraps and their operation.
737. The clover leafhopper and its control in the Central States.
739. Cutworms and their control in corn and other cereal crops.
740. House ants: Kinds and methods of control.
741. The alfalfa weevil and methods of controlling it.
747. Grasshoppers and their control with relation to cereal and forage crops.
752. The fall army worm or "grass worm" and its control.
754. The bedbug.
762. The false chinch bug and measures for controlling it.
763. Orchard barkbeetles and pinhole borers and how to control them.
766. The common cabbage worm.
778. Powder-post damage by Lyctus beetles to seasoned hardwood.
789. Mushroom pests and how to control them.
799. Carbon disulphid as an insecticide.
801. Mites and lice on poultry.
819. The tobacco budworm and its control.

831. The red spider on cotton and how to control it.
835. How to detect outbreaks of insects and save the grain crops.
837. The asparagus beetles and their control.
843. Important pecan insects and their control.
845. The gipsy moth and brown-tail moth and their control.
846. The tobacco beetle and how to prevent damage by it.
851. The house fly.
856. Control of diseases and insect enemies of the home vegetable garden.
857. Screw-worms and other maggots affecting animals.
860. Cranberry insect problems and suggestions for solving them.
862. Control of the citrus mealybug in California.
867. Tobacco hornworm insecticide.
868. Increasing the potato crop by spraying.
872. The bollworm or corn earworm.
875. The rough-headed corn stalk-beetle.
880. Fumigation of ornamental greenhouse plants with hydrocyanic-acid gas.
890. How insects affect the cotton plant and means of combating them.
891. The corn root-aphis and methods of controlling it.
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902. The silverfish: An injurious household insect.
908. Information for fruit growers about insecticides, spraying apparatus, and important insect pests.
914. Control of the melon aphis.
923. Fumigation of citrus trees.
928. Control of the Argentine ant in orange groves.
933. Spraying for the control of insects and mites attacking citrus trees in Florida.
940. White grubs.
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959. The spotted garden slug.
961. Transferring bees to modern hives.
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975. The control of European foulbrood.
982. Control of the green clover worm in alfalfa fields.
983. Bean and pea weevils.
1003. How to control billbugs destructive to cereal and forage crops.
1006. The jointworm and its control.
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1012. Preparation of bees for outdoor wintering.
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1029. Conserving corn from weevils in the Gulf Coast States.
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1039. Commercial comb-honey production.
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1056. Controlling important fungous and insect enemies of the pear in the humid sections of the Pacific Northwest.

1061. Harlequin cabbage bug and its control.
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1070. The fowl tick and how premises may be freed from it.
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1094. The alfalfa caterpillar.
1097. The stable fly: How to prevent its annoyance and its losses to live stock.
1098. Dusting machinery for cotton boll weevil control.
1101. The Argentine ant as a household pest.
1104. Book-lice or psocids: Annoying household pests.
1128. Control of aphids injurious to orchard fruits, currant, gooseberry, and grape.
1140. Grasshopper control in the Pacific States.
1154. Aspen borer and how to control it.
1156. Angoumois grain moth.
1169. Insects injurious to deciduous shade trees and their control.
1185. Spraying for the alfalfa weevil.
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1197. Protection of mesquite cordwood and posts from borers.
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1206. The corn earworm as enemy of vetch.
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1216. Beekeeping in the buckwheat region. (In press.)
1217. The green-bug or spring grain-aphis: How to prevent its periodical outbreaks.
1220. Insect and fungous enemies of the grape. (In press.)
1222. Beekeeping in the tulip-tree region. (In press.)
1223. The chinch bug and its control. (In press.)
1225. The potato leafhopper and its control. (In press.)

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*8. The western corn root-worm.
14. The migratory habit of housefly larvae as indicating a favorable remedial measure: An account of progress.
59. The tobacco splitworm.
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113. The lesser bud-moth.
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*131. Repellents for protecting animals from the attacks of flies.
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173. The life history and habits of the pear thrips in California.
184. The huisache girdler.
*233. Relation of the Arizona wild cotton weevil to cotton planting in the arid West.
245. Further experiments in the destruction of fly larvae in horse manure.
264. The violet rove beetle.
295. The Zimmerman pine moth.
*382. Cotton-boll weevil control in the Mississippi delta, with special reference to square picking and weevil picking.
443. The New Mexico range caterpillar and its control.
491. The melon fly in Hawaii.
550. Control of the grape-berry moth in the Erie-Chautauqua grape belt.
*564. Collection of weevils and infested squares as a means of control of the cotton-boll weevil in the Mississippi delta.
571. The pecan-leaf case-bearer.
597. Some biological and control studies of Gastrophilus haemorrhoidalis and other bots of horses.
640. The Mediterranean fruit fly.
703. Miscellaneous truck-crop insects in Louisiana. I. Insects injurious to globe artichoke. II. The granulated cutworm. III. Experiments in in controlling the tomato fruit worm with arsenicals.
707. Results of experiments with different substances against bedbugs, cockroaches, clothes moths, and carpet beetles.
723. The pink bollworm with special reference to steps taken by the Department of Agriculture to prevent its establishment in the United States.
731. Recent experimental work in poisoning cotton boll weevils.
737. The tobacco beetle: An important pest in tobacco products.
766. A study of Compsilura concinnata, an imported tachinid parasite of the gipsy moth and the brown-tail moth.
796. Use of toxic gases as a possible means of control of the peach-tree borer.

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808. Studies on the life-history and habits of the jointworm flies of the genus Harmolita, with recommendations for control.
812. The clover and alfalfa seed chalcis-fly.
826. Generic classification of the hemipterous family Aphididae.
*833. Chrysanthemum midge.
838. Cypress bark scale.
841. The western grass-stem sawfly.
847. Roundheaded apple-tree borer: Its life history and control.
886. Spotted apple-tree borer.
891. The green June beetle. (In press.)
892. The beet leaf-beetle.
893. Experiments on the toxic action of certain gases on insects, seeds, and fungi.
899. Gipsy-moth tree-banding material: How to make, use, and apply it.
902. The western cabbage flea-beetle.
914. The red-banded leaf-roller.
918. Report on investigations of the pink bollworm of cotton in Mexico.
926. Studies in the biology of the Mexican cotton boll weevil in short-staple, upland, long-staple upland, and Sea Island cottons.
938. Effect of nicotine sulphate as an ovicide and larvicide on the codling moth and three other insects.
959. Experiments and remedial suggestions for the control of the codling moth in the Grand Valley of Colorado. (In press.)
964. Garden flea-hoppers in alfalfa. (In press.)
965. Control of the Argentine ant in California citrus orchards. (In press.)
966. The European horse-radish webworm. (In press.)
967. Results of work on blister beetles in Kansas. (In press.)
986. Studies on the biology and control of chiggers. (In press.)
992. Walnut husk-maggot. (In press.)

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162. Some rules for poisoning the cotton boll weevil.
167. The Satin moth: An introduced enemy of poplars and willows.
172. The range crane-fly in California.